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JServlet Toolkit Quick Reference

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Oracle Application Server Release 4.0.8.1 JServlet Toolkit Quick Reference

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Class Hierarchy

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oracle.html package

IHAlign interface

Name	Syntax	Description>Returns
CENTER	public static final int CENTER	Align to the center horizontally.
LEFT	public static final int LEFT	Align to the left hand side.
MAX	public static final int MAX	
MIN	public static final int MIN	
NONE	public static final int NONE	No horizontal alignment specified.
RIGHT	public static final int RIGHT	Align to the right hand side.
Str	public static final String Str[]	A String Array for the Attribute Values.

IHtmlItem interface

Name	Syntax	Description>Returns
print	public abstract void print() public abstract void print(OutputStream out)	
toHTML	public abstract String toHTML()	An HTML string representing the content of this object.

ITableFrame interface

Name	Syntax	Description>Returns
ABOVE	public static final int ABOVE	Render the Top side of the frame.
BELOW	public static final int BELOW	Render the Bottom side of the frame.
BORDER	public static final int BORDER	Render all four sides of the frame.
BOX	public static final int BOX	Render all four sides of the frame.
HSIDES	public static final int HSIDES	Render the top and bottom sides of the frame.
LHS	public static final int LHS	Render the left hand side of the frame.
RHS	public static final int RHS	Render the right hand side of the frame.
Str	public static final String Str[]	String Array for Attribute Value.
VOLD	public static final int VOLD	Do not render any side of the frame.
VSIDES	public static final int VSIDES	Render the Left and Right hand sides of the frame.

ITableRules interface

ALL	public static final int ALL	Place rules between all rows and all columns. User agents may choose to use a heavier rule between groups of rows and columns for emphasis.
BASIC	public static final int BASIC	The THEAD, TFOOT, TBODY elements divide the table into group of rows. This choice places a horizontal rule between each such group.
COLS	public static final int COLS	Place vertical rules between groups of columns as defined by COLSET and COL elements, plus horizontal rules between row groups.
NONE	public static final int NONE	Suppresses internal rulings.
ROWS	public static final int ROWS	Place horizontal rules between all rows. User agents may choose to use a heavier rule between groups of rows.
Str	public static final String Str[]	String Array for Attribute Value.

ITarget interface

Name	Syntax	Description>Returns
BLANK	public static final int BLANK	
PARENT	public static final int PARENT	
SELF	public static final int SELF	
Str	public static final String Str[]	
TOP	public static final int TOP	

IVAlign interface

Name	Syntax	Description>Returns
BASELINE	public static final int BASELINE	(Apply to TableCell only) All cells in the same row with valign=baseline should be vertically positioned so that the first text line in each cell occur on a common baseline. The constraint does not apply to subsequent text lines in these cells.
BOTTOM	public static final int BOTTOM	Align to the bottom.
MAX	public static final int MAX	
MIDDLE	public static final int MIDDLE	Align in the middle vertically.
MIN	public static final int MIN	
NONE	public static final int NONE	No Vertical Alignment Attribute specified.
Str	public static final String Str[]	A String Array for the Attribute Values.
TOP	public static final int TOP	Align to the top.

Address class

Name	Syntax	Description>Returns
Address constructor	public Address()	<ADDRESS></ADDRESS>

Anchor class

Name	Syntax	Description>Returns
Anchor constructor	<pre>public Anchor(String name, IHmlItem item)</pre> <pre>public Anchor(String name, String text)</pre>	 ...
addItem	public Anchor addItem(IHmlItem item)	
name	public String name()	The name of this Anchor.
setName	public Anchor setName(String name)	
toHTML	public String toHTML()	The content of this object as HTML String.
toString	public String toString()	The content of this object as regular string.

Applet class

Name	Syntax	Description>Returns
Applet constructor	<pre>public Applet(String code, int width, int height)</pre>	
addParam	<pre>public Applet addParam(String name, String value)</pre>	
setAlign	public Applet setAlign(String align)	
setAltHtml	<pre>public Applet setAltHtml(Item item)</pre> <pre>public Applet setAltHtml(Container cItems)</pre>	
setAltText	public Applet setAltText(String text)	
setCode	public Applet setCode(String code)	
setCodebase	<pre>public Applet setCodebase(String codebase)</pre>	
setHeight	public Applet setHeight(int height)	

Name	Syntax	Description>Returns
setHSpace	public Applet setHSpace(int hspace)	
setName	public Applet setName(String name)	
setVSpace	public Applet setVSpace(int vspace)	
setWidth	public Applet setWidth(int width)	
toHTML	public String toHTML()	The content of this object as HTML string.
toString	public synchronized String toString()	A string representation of this object.

BaseFont class

Name	Syntax	Description>Returns
BaseFont constructor	public BaseFont(int size) public BaseFont(Color color, String name, int size)	
toHTML	public String toHTML()	The content of object as a HTML string.
toString	public String toString()	

BlockQuote class

Name	Syntax	Description>Returns
BlockQuote constructor	public BlockQuote()	

CheckBox class

Name	Syntax	Description>Returns
CheckBox constructor	<pre>public CheckBox(String name, String value) public CheckBox(String name, String value, boolean state)</pre>	
startTag	<code>public String startTag()</code>	The start tag of this object.
toHTML	<code>public String toHTML()</code>	The content of this object as a HTML string.

Color class

Name	Syntax	Description>Returns
aqua	<code>public static final Color aqua</code>	The color aqua.
black	<code>public static final Color black</code>	The color black.
blue	<code>public static final Color blue</code>	The color blue.
cyan	<code>public static final Color cyan</code>	The color cyan.
darkGray	<code>public static final Color darkGray</code>	The color dark gray.
fuchsia	<code>public static final Color fuchsia</code>	The color fuchsia.
gray	<code>public static final Color gray</code>	The color gray.
green	<code>public static final Color green</code>	The color green.
lightGray	<code>public static final Color lightGray</code>	The color light gray.
lime	<code>public static final Color lime</code>	The color lime.
magenta	<code>public static final Color magenta</code>	The color magenta.
maroon	<code>public static final Color maroon</code>	The color maroon.
navy	<code>public static final Color navy</code>	The color navy.
olive	<code>public static final Color olive</code>	The color olive.
orange	<code>public static final Color orange</code>	The color orange.
pink	<code>public static final Color pink</code>	The color pink.

Name	Syntax	Description>Returns
red	public static final Color red	The color red.
silver	public static final Color silver	The color silver.
teal	public static final Color teal	The color teal.
white	public static final Color white	The color white.
yellow	public static final Color yellow	The color yellow.
Color constructor	<pre>public Color(String rgb) public Color(String r, String g, String b) public Color(int r, int g, int b) public Color(Color color)</pre>	
toString	public String toString()	A string representation of this color object in the form "#rrggbb".

Comment class

Name	Syntax	Description>Returns
Comment constructor	public Comment(String content)	
toHTML	public String toHTML()	The content of object as HTML string
toString	public String toString()	

CompoundItem class

Name	Syntax	Description>Returns
INITIAL_CAPACITY	public static final int INITIAL_CAPACITY	
CompoundItem constructor	public CompoundItem() public CompoundItem(int initCapacity)	
addItem	public synchronized CompoundItem addItem(IHtmlItem item) public synchronized CompoundItem addItem(String string)	this
itemAt	public synchronized IHtmlItem itemAt(int index)	The item at the specified position.
items	public synchronized Enumeration items()	
setItemAt	public synchronized CompoundItem setItemAt(IHtmlItem item, int index)	this
size	public int size()	The number of items in this object.
toHTML	public synchronized String toHTML()	The content of this object as HTML string.
toString	public synchronized String toString()	A String representation of this object.

Container class

Name	Syntax	Description>Returns
Container constructor	public Container() public Container(int initCapacity)	
addItem	public synchronized Container addItem(IHtmlItem item) public synchronized Container addItem(String str)	this
itemAt	public synchronized IHtmlItem itemAt(int index)	The item at the specified position.

Name	Syntax	Description>Returns
items	public synchronized Enumeration items()	
setItemAt	public synchronized Container setItemAt(IHtmlItem item, int index)	this
size	public int size()	The number of items in this Container object.
toHTML	public synchronized String toHTML()	The content of this object as HTML string.
toString	public synchronized String toString()	A String representation of this object.

DefinitionList class

Name	Syntax	Description>Returns
DefinitionList constructor	public DefinitionList() public DefinitionList(boolean compact)	
addDef	public DefinitionList addDef(IHtmlItem defterm, IHtmlItem def) public DefinitionList addDef(Container defterms, IHtmlItem defn)	this
toHTML	public String toHTML()	

DirectoryList class

Name	Syntax	Description>Returns
DirectoryList constructor	public DirectoryList() public DirectoryList(boolean compact)	

DynamicTable class

Name	Syntax	Description>Returns
DynamicTable constructor	public DynamicTable(int cols)	
addRow	<pre>public DynamicTable addRow()</pre> <pre>public DynamicTable addRow(int numRows)</pre> <pre>public DynamicTable addRow(TableRow row)</pre>	
getNumRows	public int getNumRows()	The current number of rows in this DynamicTable.
setCellAt	public DynamicTable setCellAt(int col_num, int row_num, SimpleItem item)	
toHTML	public synchronized String toHTML()	The content of this DynamicTable as a HTML string.
toString	public synchronized String toString()	The content of this Dynamic Table as regular string.

Embed class

Name	Syntax	Description>Returns
Embed constructor	public Embed(String src, int width, int height)	
addParam	public Embed addParam(String name, String value)	this
setHeight, setWidth	<pre>public Embed setHeight(int height)</pre> <pre>public Embed setWidth(int width)</pre>	this
setSrc	public Embed setSrc(String src)	this

Name	Syntax	Description>Returns
toHTML	public String toHTML()	The content of object as HTML string.
toString	public synchronized String toString()	

Font class

Name	Syntax	Description>Returns
Font constructor	<pre>public Font(int size)</pre> <pre>public Font(String size)</pre> <pre>public Font(Color color, String name, int size)</pre> <pre>public Font(Color color, String name, String size)</pre>	
toHTML	public String toHTML()	The content of object as HTML string.
toString	public String toString()	

Form class

Name	Syntax	Description>Returns
Form constructor	<pre>public Form(String method, String action)</pre> <pre>public Form(String method, String action, String target)</pre> <pre>public Form(String method, String action, String target, String enctype)</pre>	
toString	<code>public synchronized String toString()</code>	A string representation of this object.

FormElement class

Name	Syntax	Description>Returns
TYPE_CHECKBOX	<code>public static final int TYPE_CHECKBOX</code>	
TYPE_FILE	<code>public static final int TYPE_FILE</code>	
TYPE_HIDDEN	<code>public static final int TYPE_HIDDEN</code>	
TYPE_IMAGE	<code>public static final int TYPE_IMAGE</code>	
TYPE_PASSWORD	<code>public static final int TYPE_PASSWORD</code>	
TYPE_RADIO	<code>public static final int TYPE_RADIO</code>	
TYPE_RESET	<code>public static final int TYPE_RESET</code>	
TYPE_SUBMIT	<code>public static final int TYPE_SUBMIT</code>	
TYPE_TEXTFIELD	<code>public static final int TYPE_TEXTFIELD</code>	
FormElement constructor	<code>public FormElement(int type)</code> <code>public FormElement(String type)</code>	

Name	Syntax	Description>Returns
FormElement constructor (cont'd)	<pre>public FormElement(int type, String name, String value, boolean checked, int size, int maxlength, String src, String align, String accept)</pre> <pre>public FormElement(String type, String name, String value, boolean checked, int size, int maxlength, String src, String align, String accept)</pre>	
setAccept	public FormElement setAccept(String accept)	this
setAlign	public FormElement setAlign(String align)	this
setDefaultCheckValue	public FormElement setDefaultCheckValue(boolean val)	this
setDefaultValue	public FormElement setDefaultValue(String val)	this
setMaxLength	public FormElement setMaxLength(int mx)	this
setName	public FormElement setName(String name)	this
setSize	public FormElement setSize(int size)	this
setSrcURL	public FormElement setSrcURL(String url)	this
toHTML	public String toHTML()	

Frame class

Name	Syntax	Description>Returns
Frame constructor	<pre>public Frame(String src) public Frame(String src, String name) public Frame(String src, String name, int marginWidth, int marginHeight, String scrolling, boolean noresize)</pre>	
setMarginHeight	<pre>public Frame setMarginHeight(int marginHeight)</pre>	
setMarginWidth	<pre>public Frame setMarginWidth(int marginWidth)</pre>	
setName	<pre>public Frame setName(String name)</pre>	
setNoResize	<pre>public Frame setNoResize(boolean noresize)</pre>	
setScrolling	<pre>public Frame setScrolling(String scrolling)</pre>	
setSrc	<pre>public Frame setSrc(String src)</pre>	
toHTML	<pre>public String toHTML()</pre>	The content of Frame as a HTML String.

Frameset class

Name	Syntax	Description>Returns
Frameset constructor	<pre>public Frameset() public Frameset(String rows, String cols) public Frameset(String rows, String cols, CompoundItem altHtml, Container frames)</pre>	
addFrame	public Frameset addFrame(Frame frame)	
setAltHtml	<pre>public Frameset setAltHtml(SimpleItem altHtml) public Frameset setAltHtml(CompoundItem altHtml)</pre>	
setCols ,	public Frameset setCols(String cols)	
setRows	public Frameset setRows(String rows)	
toHTML	public String toHTML()	The content of Frameset as HTML String.

HeadLink class

Name	Syntax	Description>Returns
HeadLink constructor	<pre>public HeadLink(String href, String rel) public HeadLink(String href, String rel, String rev, String title, String type)</pre>	
toHTML	public synchronized String toHTML()	The content of object as HTML string.
toString	public synchronized String toString()	

Heading class

Name	Syntax	Description>Returns
Heading constructor	<pre>public Heading(int heading, String str) public Heading(int heading, IHtmlItem item) public Heading(int heading, String align, String str) public Heading(int heading, String align, IHtmlItem item)</pre>	
toHTML	public String toHTML()	The content of this object as HTML string.
toString	public String toString()	A string representation of this object.

Hidden class

Name	Syntax	Description>Returns
Hidden constructor	<pre>public Hidden(String nm, String val)</pre>	
toHTML	public String toHTML()	The content of this object as HTML string.

HorizontalRule class

Name	Syntax	Description>Returns
HorizontalRule constructor	public HorizontalRule(String align, boolean noShade, int size, String width)	
toHTML	public String toHTML()	The content of the object as an HTML string.
toString	public String toString()	

HtmlBody class

Name	Syntax	Description>Returns
HtmlBody constructor	public HtmlBody() public HtmlBody(String bimg, String bcolor, String fcolor, String flinkcolor, String uflinkcolor, String alinkcolor)	
addItem	public HtmlBody addItem(Container containerItem)	
setActivatedLinkColor	public HtmlBody setActivatedLinkColor(String color) public HtmlBody setActivatedLinkColor(Color color)	
setBackgroundColor	public HtmlBody setBackgroundColor(String color) public HtmlBody setBackgroundColor(Color color)	
setBackgroundImage	public HtmlBody setBackgroundImage(String img)	

Name	Syntax	Description>Returns
setFollowedLinkColor	public HtmlBody setFollowedLinkColor(String color)	
	public HtmlBody setFollowedLinkColor(Color color)	
setForegroundColor	public HtmlBody setForegroundColor(String color)	
	public HtmlBody setForegroundColor(Color color)	
setUnfollowedLinkColor	public HtmlBody setUnfollowedLinkColor(String color)	
	public HtmlBody setUnfollowedLinkColor(Color color)	
toHTML	public String toHTML()	The content of this object as a HTML string.
toString	public String toString()	The content of this object as a regular string.

HtmlFile class

Name	Syntax	Description>Returns
HtmlFile constructor	public HtmlFile(String filename)	
	public HtmlFile(File file)	
	public HtmlFile(File file, int numKeys)	
clone	public Object clone()	
setItemAt	public HtmlFile setItemAt(String tag, IHtmlItem item)	
toHTML	public String toHTML()	The content of the object as a HTML string.
toString	public String toString()	

HtmlHead class

Name	Syntax	Description>Returns
HtmlHead constructor	<pre>public HtmlHead() public HtmlHead(String title) public HtmlHead(String title, String base, String baseTarget, boolean index)</pre>	
addlink	<pre>public HtmlHead addLink(IHtmlItem hi) this public HtmlHead addLink(HeadLink link)</pre>	
addMetaInfo	<pre>public HtmlHead addMetaInfo(MetaInfo mi)</pre>	
addStyle	<pre>public HtmlHead addStyle(Style s) this</pre>	
setBase	<pre>public HtmlHead setBase(URL base) this public HtmlHead setBase(String base)</pre>	
setBaseTarget	<pre>public HtmlHead setBaseTarget(String baseTarget)</pre>	
setTitle	<pre>public HtmlHead setTitle(String title)</pre>	
toHTML	<pre>public synchronized String toHTML()</pre>	The content of this object as a HTML string.
toString	<pre>public synchronized String toString()</pre>	The content of this object as a regular string.

HtmlPage class

Name	Syntax	Description>Returns
FILE_DOC	<pre>public static final int FILE_DOC</pre>	Legacy html page.
FRAME_DOC	<pre>public static final int FRAME_DOC</pre>	Frame based page.
NORMAL_DOC	<pre>public static final int NORMAL_DOC</pre>	Normal Html Page.

Name	Syntax	Description>Returns
HtmlPage constructor	<pre>public HtmlPage() public HtmlPage(String title) public HtmlPage(File file) public HtmlPage(HtmlHead head, HtmlBody body) public HtmlPage(HtmlHead head, Frameset frameset) public HtmlPage(int type, HtmlHead head, HtmlBody body, Frameset frameset, File file)</pre>	
addItem	public HtmlPage addItem(IHtmlItem item)	
clone	public Object clone()	
getBody	public HtmlBody getBody()	The BODY element of this page.
getHead	public HtmlHead getHead()	The HEAD element of this page.
printHeader	<pre>public void printHeader() public void printHeader(OutputStream out)</pre>	
setActivatedLinkColor	<pre>public HtmlPage setActivatedLinkColor(String color) public HtmlPage setActivatedLinkColor(Color color)</pre>	
setBackgroundColor	<pre>public HtmlPage setBackgroundColor(String color) public HtmlPage setBackgroundColor(Color color)</pre>	

Name	Syntax	Description>Returns
setBackgroundImage	public HtmlPage setBackgroundImage(String img)	
setBody	public HtmlPage setBody(HtmlBody body)	
setForegroundColor	public HtmlPage setForegroundColor(String color) public HtmlPage setForegroundColor(Color color)	
setFollowedLinkColor	public HtmlPage setFollowedLinkColor(String color) public HtmlPage setFollowedLinkColor(Color color)	
setHead	public HtmlPage setHead(HtmlHead head)	
setItemAt	public HtmlPage setItemAt(String tag, IHtmlItem item)	
setTitle	public HtmlPage setTitle(String title)	
setUnfollowedLinkColor	public HtmlPage setUnfollowedLinkColor(String color) public HtmlPage setUnfollowedLinkColor(Color color)	
toHTML	public String toHTML()	The content of this page as a HTML string.
toString	public String toString()	The content of this page as a regular string.

HtmlStream class

Name	Syntax	Description>Returns
print	<pre>public synchronized void print(IHtmlItem item) public synchronized void print(Object obj) public synchronized void print(String str) public synchronized void print(String str, boolean bUnicode)</pre>	
println	<pre>public synchronized void println() public synchronized void println(String str) public synchronized void println(String str, boolean bUnicode)</pre>	
unicodeOutput	public boolean unicodeOutput()	true if character strings will be printed in Unicode format and false otherwise.
setUnicodeOutput	public synchronized void setUnicodeOutput(boolean bUnicode)	
theStream	public static HtmlStream theStream()	The singleton instance of HtmlStream.
write	<pre>public synchronized void write(int b) throws IOException public synchronized void write(byte b[]) throws IOException public synchronized void write(byte b[], int offset, int length) throws IOException</pre>	

HtmlStringBuffer class

Name	Syntax	Description>Returns
DOUBLE_QUOTE_CHAR	public static char DOUBLE_QUOTE_CHAR	Double quote character.
NEWLINE_CHAR	public static char NEWLINE_CHAR	New line character.
SINGLE_QUOTE_CHAR	public static char SINGLE_QUOTE_CHAR	Single quote character.
HtmlStringBuffer constructor	<pre>public HtmlStringBuffer() public HtmlStringBuffer(int length) public HtmlStringBuffer(String str)</pre>	
append	<pre>public synchronized HtmlStringBuffer append(boolean b) public synchronized HtmlStringBuffer append(int i) public synchronized HtmlStringBuffer append(char ch) public synchronized HtmlStringBuffer append(String str) public synchronized HtmlStringBuffer append(char str[]) public synchronized HtmlStringBuffer append(char str[], int offset, int length) public synchronized HtmlStringBuffer append(String str, char quoteChar)</pre>	

IHtmlItemImpl class

Name	Syntax	Description>Returns
append (cont'd)	<pre>public synchronized HtmlStringBuffer this append(String str, boolean quote) public synchronized HtmlStringBuffer append(Object obj) public synchronized HtmlStringBuffer append(IHtmlItem item)</pre>	
appendln	<pre>public synchronized HtmlStringBuffer this appendln(String str)</pre>	
getChars	<pre>public synchronized char[] getChars() public synchronized void getChars(int srcBegin, int srcEnd, char dst[], int dstBegin)</pre>	getChars() only: A new character array containing the contents of this string buffer.
length	<pre>public int length()</pre>	The number of characters in this string buffer.
print	<pre>public void print() public void print(OutputStream out)</pre>	
toHTML	<pre>public String toHTML()</pre>	
toString	<pre>public String toString()</pre>	A string representation of the string buffer.

IHtmlItemImpl class

Name	Syntax	Description>Returns
IHtmlItemImpl constructor	<pre>public IHtmlItemImpl()</pre>	

Name	Syntax	Description>Returns
print	<pre>public synchronized void print()</pre> <pre>public synchronized void print(OutputStream out)</pre>	
toHTML	<pre>public abstract synchronized String toHTML()</pre>	An HTML string representing the content of this object.

Image class

Name	Syntax	Description>Returns
Image constructor	<pre>public Image(String imgURI)</pre> <pre>public Image(String imgURI, String altTxt, int align, boolean ismap)</pre> <pre>public Image(String imgURI, String altTxt, int align, boolean ismap, String usemap)</pre> <pre>public Image(String imgURI, String altTxt, int halign, int valign, int width, int height, int border, int hspace, int vspace, boolean ismap, String usemap)</pre>	
startTag	<pre>public String startTag()</pre>	The start tag of this object.
toHTML	<pre>public String toHTML()</pre>	The content of this object as HTML string.
toString	<pre>public String toString()</pre>	A string representation of this object.

ImageMap class

Name	Syntax	Description>Returns
ImageMap constructor	public ImageMap(String name)	
addArea	public ImageMap addArea(ImageMapArea area)	
toHTML	public String toHTML()	The content of object as HTML string.
toString	public String toString()	

ImageMapArea class

Name	Syntax	Description>Returns
ImageMapArea constructor	public ImageMapArea(String shape, String coords, String href)	
	public ImageMapArea(String shape, String coords, String href, String altTxt)	
toHTML	public String toHTML()	The content of object as HTML string.
toString	public String toString()	

Item class

Name	Syntax	Description>Returns
ATTR_ALGN_CENTER	public static final int ATTR_ALGN_CENTER	
ATTR_BIG	public static final int ATTR_BIG	
ATTR_BOLD	public static final int ATTR_BOLD	
ATTR_CITATION	public static final int ATTR_CITATION	
ATTR_CODE	public static final int ATTR_CODE	
ATTR_DEFINITION	public static final int ATTR_DEFINITION	

Name	Syntax	Description>Returns
ATTR_EMPHASIS	public static final int ATTR_EMPHASIS	
ATTR_FONT_BIG	public static final int ATTR_FONT_BIG	
ATTR_FONT_BOLD	public static final int ATTR_FONT_BOLD	
ATTR_FONT_ITALIC	public static final int ATTR_FONT_ITALIC	
ATTR_FONT_SMALL	public static final int ATTR_FONT_SMALL	
ATTR_FONT_STRIKE	public static final int ATTR_FONT_STRIKE	
ATTR_FONT_SUB	public static final int ATTR_FONT_SUB	
ATTR_FONT_SUPER	public static final int ATTR_FONT_SUPER	
ATTR_ITALIC	public static final int ATTR_ITALIC	
ATTR_KEYBOARD	public static final int ATTR_KEYBOARD	
ATTR_PHRASE_CITATION	public static final int ATTR_PHRASE_CITATION	
ATTR_PHRASE_CODE	public static final int ATTR_PHRASE_CODE	
ATTR_PHRASE_DEFINITION	public static final int ATTR_PHRASE_DEFINITION	
ATTR_PHRASE_EMPHASIS	public static final int ATTR_PHRASE_EMPHASIS	
ATTR_PHRASE_KEYBOARD	public static final int ATTR_PHRASE_KEYBOARD	
ATTR_PHRASE_SAMPLE	public static final int ATTR_PHRASE_SAMPLE	
ATTR_PHRASE_STRONG	public static final int ATTR_PHRASE_STRONG	
ATTR_PHRASE_VARIABLE	public static final int ATTR_PHRASE_VARIABLE	
ATTR_SAMPLE	public static final int ATTR_SAMPLE	
ATTR_SMALL	public static final int ATTR_SMALL	

Name	Syntax	Description>Returns
ATTR_STRIKE	public static final int ATTR_STRIKE	
ATTR_STRONG	public static final int ATTR_STRONG	
ATTR_SUB	public static final int ATTR_SUB	
ATTR_SUPER	public static final int ATTR_SUPER	
ATTR_TELETYPE	public static final int ATTR_TELETYPE	
ATTR_UNDERLINE	public static final int ATTR_UNDERLINE	
ATTR_VARIABLE	public static final int ATTR_VARIABLE	
Item constructor	<pre>public Item() public Item(boolean citation, boolean code, boolean emphasis, boolean keyboard, boolean sample, boolean strongEmphasis, boolean variable, boolean italic, boolean bold, boolean teletype, int heading)</pre>	
clearAttr	public Item clearAttr(int attr)	this
setAttr	<pre>public Item setAttr(int attr) public Item setAttr(int attr, boolean val)</pre>	this
setBold	<pre>public Item setBold() public Item setBold(boolean val)</pre>	
setCenter	<pre>public Item setCenter() public Item setCenter(boolean val)</pre>	
setCite	<pre>public Item setCite() public Item setCite(boolean val)</pre>	

Name	Syntax	Description>Returns
setCode	public Item setCode() public Item setCode(boolean val)	
setDefinition	public Item setDefinition() public Item setDefinition(boolean val)	
setEmphasis	public Item setEmphasis() public Item setEmphasis(boolean val)	
setFontBig	public Item setFontBig() public Item setFontBig(boolean val)	
setFontColor	public Item setFontColor(Color color) this	
setFontSize	public Item setFontSize(int size) this	
setFontSmall	public Item setFontSmall() public Item setFontSmall(boolean val)	
setFontSubscript	public Item setFontSubscript() public Item setFontSubscript(boolean val)	
setFontSuperscript	public Item setFontSuperscript() public Item setFontSuperscript(boolean val)	
setHeading	public Item setHeading(int i) this	
setItal	public Item setItal() public Item setItal(boolean val)	
setKeyboard	public Item setKeyboard() public Item setKeyboard(boolean val)	
setSample	public Item setSample() public Item setSample(boolean val)	

Name	Syntax	Description>Returns
setStrike	public Item setStrike() public Item setStrike(boolean val)	
setStrongEmphasis	public Item setStrongEmphasis() public Item setStrongEmphasis(boolean val)	
setStyleElement	public Item setStyleElement(StyleElement elem)	this
setTeletype	public Item setTeletype() public Item setTeletype(boolean val)	
setUnderline	public Item setUnderline() public Item setUnderline(boolean val)	
setVariable	public Item setVariable() public Item setVariable(boolean val)	
toHTML	public String toHTML()	An HTML string representing the content of this object.
toString	public String toString()	A string representation of this object.

LineBreak class

Name	Syntax	Description>Returns
LineBreak constructor	public LineBreak(String clear)	
toHTML	public String toHTML()	The content of object as HTML string.
toString	public String toString()	

Link class

Name	Syntax	Description>Returns
Link constructor	<pre>public Link(URL url, IHtmlItem item)</pre> <pre>public Link(Anchor anchor, IHtmlItem item)</pre> <pre>public Link(String url, String text)</pre> <pre>public Link(String url, IHtmlItem item)</pre> <pre>public Link(String url, IHtmlItem item, String target)</pre>	
addItem	public Link addItem(IHtmlItem item)	
toHTML	public String toHTML()	The content of this object as HTML string.
toString	public synchronized String toString()	The content of this object as regular string.

List class

Name	Syntax	Description>Returns
DEFINITION	public static final int DEFINITION	Definition list.
DIRECTORY	public static final int DIRECTORY	Directory list.
MENU	public static final int MENU	Menu list
ORDERED	public static final int ORDERED	Ordered list
UNORDERED	public static final int UNORDERED	UnOrdered list
List constructor	<pre>public List(int type, boolean compact)</pre>	

Name	Syntax	Description>Returns
addItem	public synchronized List addItem(IHtmlItem item)	this
	public synchronized List addItem(String string)	
itemAt	public synchronized IHtmlItem itemAt(int index)	this
setItemAt	public synchronized List setItemAt(IHtmlItem item, int index)	this
size	public int size()	The number of items in this list.
toHTML	public String toHTML()	A formatted HTML string representing the content of this list object.
toString	public String toString()	The string representation of this list object.

ListItem class

Name	Syntax	Description>Returns
ListItem constructor	public ListItem(String str)	
	public ListItem(IHtmlItem item)	
	public ListItem(String type, int value, String item)	
	public ListItem(String type, int value, IHtmlItem item)	
toHTML	public String toHTML()	The content of object as HTML string.
toString	public String toString()	

MenuList class

Name	Syntax	Description>Returns
MenuList constructor	public MenuList() public MenuList(boolean compact)	

MetalInfo class

Name	Syntax	Description>Returns
MetalInfo constructor	public MetalInfo(String equiv, String content) public MetalInfo(String equiv, String name, String content, String url)	
toHTML	public String toHTML()	The content of object as HTML string.
toString	public String toString()	

Option class

Name	Syntax	Description>Returns
Option constructor	public Option(String txt) public Option(String txt, String val, boolean state)	
toHTML	public String toHTML()	The content of this object as HTML string.

OrderedList class

Name	Syntax	Description>Returns
OrderedList constructor	<pre>public OrderedList() public OrderedList(String type, int start, boolean compact)</pre>	

Paragraph class

Name	Syntax	Description>Returns
Paragraph constructor	<pre>public Paragraph(String align)</pre>	
toHTML	<pre>public String toHTML()</pre>	
toString	<pre>public String toString()</pre>	

PasswordField class

Name	Syntax	Description>Returns
PasswordField constructor	<pre>public PasswordField(String name) public PasswordField(String name, int maxlength, int size, String value)</pre>	

Preformat class

Name	Syntax	Description>Returns
Preformat constructor	<pre>public Preformat() public Preformat(int width)</pre>	

Radio class

Name	Syntax	Description>Returns
Radio constructor	<pre>public Radio(String name, String value)</pre> <pre>public Radio(String name, String value, boolean state)</pre>	
startTag	public String startTag()	The start tag of this object.
toHTML	public String toHTML()	

Reset class

Name	Syntax	Description>Returns
Reset constructor	<pre>public Reset()</pre> <pre>public Reset(String value)</pre>	
startTag	public String startTag()	The start tag of this object.
toHTML	public String toHTML()	

Script class

Name	Syntax	Description>Returns
Script constructor	<pre>public Script()</pre> <pre>public Script(String language)</pre> <pre>public Script(String language, String runAt)</pre>	
setCode	public Script setCode(String code)	this
toHTML	public String toHTML()	The content of this object as HTML string.
toString	public String toString()	A string representation of this object.

Select class

Name	Syntax	Description>Returns
Select constructor	<pre>public Select(String name) public Select(String name, int size, boolean multiple)</pre>	
addOption	public Select addOption(Option op)	this
NumOptions	public int NumOptions()	The number of options present in this select object.
size	public int size()	The number of options present in this object.
toHTML	public String toHTML()	The content of this object as HTML string.
toString	public String toString()	A string representation of this object.

SimpleItem class

Name	Syntax	Description>Returns
HorizontalRule	public static final SimpleItem HorizontalRule	HorizontalRule/HR element
LineBreak	public static final SimpleItem LineBreak	LineBreak/BR element
Paragraph	public static final SimpleItem Paragraph	Paragraph/P element
SimpleItem constructor	<pre>public SimpleItem() public SimpleItem(String s) public SimpleItem(int i) public SimpleItem(long l) public SimpleItem(float f)</pre>	

Name	Syntax	Description>Returns
SimpleItem constructor	<pre>public SimpleItem(boolean b) public SimpleItem(double d) public SimpleItem(boolean b) public SimpleItem(char c) public SimpleItem(char data[]) public SimpleItem(Object o)</pre>	
toHTML	public String toHTML()	The content of this item as a HTML string.
toString	public String toString()	A string representation of this item.

Style class

Name	Syntax	Description>Returns
Style constructor	public Style()	
addElement	public synchronized Style addElement(this String tag, StyleElement elem)	
elementAt	<pre>public synchronized StyleElement elementAt(int index) public synchronized StyleElement elementAt(String tag)</pre>	The StyleElement at the specified position or with the specified HTML tag.
elements	public synchronized Enumeration elements()	
positionOf	public synchronized int positionOf(String tag)	The position of the specified HTML tag.

Name	Syntax	Description>Returns
setElementAt	public synchronized Style setElementAt(StyleElement elem, int index)	this
	public synchronized Style setElementAt(StyleElement elem, String tag)	
removeElementAt	public synchronized StyleElement removeElementAt(int index)	The removed element.
	public synchronized StyleElement removeElementAt(String tag)	
size	public synchronized int size()	The number of StyleElements in this object.
toHTML	public synchronized String toHTML()	The content of the object as a HTML string.
toString	public synchronized String toString()	

StyleElement class

Name	Syntax	Description>Returns
StyleElement constructor	public StyleElement()	
addProperty	public synchronized StyleElement addProperty(String name, String value)	this
properties	public synchronized Enumeration properties()	
propertyAt	public synchronized String propertyAt(int index)	The property at the specified position.
setPropertyAt	public synchronized StyleElement setPropertyAt(String name, String value, int index)	this
size	public synchronized int size()	The number of properties in this object.

Name	Syntax	Description>Returns
toHTML	public synchronized String toHTML()	The content of object as HTML string.
toString	public synchronized String toString()	

Submit class

Name	Syntax	Description>Returns
Submit constructor	public Submit() public Submit(String name, String value)	
toHTML	public String toHTML()	The content of this object as HTML string.

Table class

Name	Syntax	Description>Returns
Table constructor	public Table() public Table(String caption, String width, int border, int cellspacing, int cellpadding)	
backgroundColor	public String backgroundColor()	The background color of this table.
backgroundImage	public String backgroundImage()	The URL for the background image of this table.
border	public int border()	The BORDER attribute of this table.
borderColor	public String borderColor()	The border color of this table.
caption	public String caption()	The caption of this table.
captionAlign	public String captionAlign()	The caption alignment of this table.
cellPadding	public int cellPadding()	The CELLPADDING attribute of this table.
cellSpacing	public int cellspacing()	The CELLSPACING attribute of this table.
frame	public int frame()	The FRAME attribute of this table.

Name	Syntax	Description>Returns
hAlign	public int hAlign()	The HALIGN attribute of this object.
rules	public int rules()	The RULES attribute of this table.
setBackgroundColor	public Table setBackgroundColor(String color) public Table setBackgroundColor(Color color)	
setBackgroundImage	public Table setBackgroundImage(String url)	
setBorder	public Table setBorder(int border)	
setBorderColor	public Table setBorderColor(String color) public Table setBorderColor(Color color)	
setCaption	public Table setCaption(String caption) public Table setCaption(String caption, String align)	this
setCellPadding	public Table setCellPadding(int cellpadding)	
setCellSpacing	public Table setCellSpacing(int cellspacing)	
 setFrame	public Table setFrame(int frame)	
setIHAAlign	public Table setIHAAlign(int ha)	
setRules	public Table setRules(int rules)	
setWidth	public Table setWidth(String width)	
width	public String width()	The WIDTH attribute of this table.

TableCell class

Name	Syntax	Description>Returns
TableCell constructor	public TableCell()	
backgroundColor	public String backgroundColor()	The background color of this cell.
halign	public int halign()	The horizontal alignment attribute for this cell.
setBackgroundColor	public TableCell setBackgroundColor(String color)	
	public TableCell setBackgroundColor(Color color)	
setBorderColor	public TableCell setBorderColor(String color)	
	public TableCell setBorderColor(Color color)	
setHAlign	public TableCell setHAlign(int halign)	
setVAlign,	public TableCell setVAlign(int valign)	
valign	public int valign()	The vertical alignment attribute for this cell.

TableDataCell class

Name	Syntax	Description>Returns
TableDataCell constructor	<pre>public TableDataCell() public TableDataCell(String content) public TableDataCell(int valign, int halign, int rowspan, int colspan, boolean nowrap, IHmlItem content) public TableDataCell(int valign, int halign, int height, int width, int rowspan, int colspan, boolean nowrap, IHmlItem content)</pre>	
addItem	<pre>public TableDataCell addItem(String str) public TableDataCell addItem(IHmlItem newItem)</pre>	this
colSpan	public int colSpan()	The value of COLSPAN attribute for this object.
height	public int height()	The height attribute of this object.
noWrap	public boolean nowrap()	The NOWRAP attribute of this object.
rowSpan	public int rowSpan()	The ROWSPAN attribute of this object.
setColSpan	public TableDataCell setColSpan(int colSpan)	

Name	Syntax	Description>Returns
setHeight	public TableDataCell setHeight(int height)	
setNoWrap	public TableDataCell setNoWrap(boolean noWrap)	
setRowSpan	public TableDataCell setRowSpan(int rowSpan)	
setWidth	public TableDataCell setWidth(int width)	
toHTML	public String toHTML()	The content of this item as a HTML string.
toString	public String toString()	A string representation of this item.
width	public int width()	The width attribute of this object.

TableHeaderCell class

Name	Syntax	Description>Returns
TableHeaderCell constructor	public TableHeaderCell(String content) public TableHeaderCell(IHtmlItem content) public TableHeaderCell(int valign, int halign, int rowspan, int colspan, boolean noWrap, IHtmlItem content)	

TableRow class

Name	Syntax	Description>Returns
TableRow constructor	<pre>public TableRow() public TableRow(int initCapacity) public TableRow(int initCapacity, int halign, int valign)</pre>	
addCell	<pre>public synchronized TableRow addCell(String str) public synchronized TableRow addCell(TableCell cell)</pre>	
cellAt	<pre>public synchronized TableCell cellAt(int index)</pre>	The TableCell attribute of this object at a specified position.
cells	<pre>public int cells()</pre>	The number of cells in this TableRow object.
setBackgroundColor	<pre>public TableRow setBackgroundColor(String color) public TableRow setBackgroundColor(Color color)</pre>	
setBorderColor	<pre>public TableRow setBorderColor(String color) public TableRow setBorderColor(Color color)</pre>	
setCellAt	<pre>public synchronized TableRow setCellAt(int index, SimpleItem item)</pre>	
setHAlign	<pre>public TableRow setHAlign(int halign)</pre>	
setVAlign	<pre>public TableRow setVAlign(int valign)</pre>	
toHTML	<pre>public synchronized String toHTML()</pre>	The content of this item as a HTML string.
toString	<pre>public synchronized String toString()</pre>	A string representation of this item.

TableRowCell class

Name	Syntax	Description>Returns
TableRowCell constructor	public TableRowCell() public TableRowCell(int halign, int valign)	
toHTML	public String toHTML()	The content of this item as a HTML string.
toString	public String toString()	A string representation of this item.

TextArea class

Name	Syntax	Description>Returns
TextArea constructor	public TextArea(String name, int cols, int rows) public TextArea(String name, int cols, int rows, String val)	
setCols	public TextArea setCols(int cols)	this
setRows	public TextArea setRows(int rows)	this
setDefaultContent	public TextArea setDefaultContent(String val)	this
toHTML	public String toHTML()	The content of this item as a HTML string.

TextField class

Name	Syntax	Description>Returns
TextField constructor	public TextField(String name) public TextField(String name, int maxlength, int size, String value)	

UnOrderedList class

Name	Syntax	Description>Returns
UnOrderedList constructor	<pre>public UnOrderedList() public UnOrderedList(String type, boolean compact)</pre>	

XObject class

Name	Syntax	Description>Returns
XObject constructor	<pre>public XObject(String classID, String codeBase, String codeType, String data, boolean declare) public XObject(String classID, String codeBase, String codeType, String data, boolean declare, String align, int border, int width, int height, int vspace, int hspace, String name, String standby, boolean shapes, String useMap)</pre>	
addParam	<pre>public XObject addParam(String name, String value)</pre>	this
setAlign	<pre>public XObject setAlign(String align)</pre>	this
setBorder	<pre>public XObject setBorder(int border)</pre>	this

Name	Syntax	Description>Returns
setClassID	public XObject setClassID(String classID)	this
setCodeBase	public XObject setCodeBase(String codeBase)	this
setCodeType	public XObject setCodeType(String codeType)	this
setData	public XObject setData(String data)	this
setDeclare	public XObject setDeclare(boolean declare)	this
setHeight	public XObject setHeight(int height)	this
setWidth	public XObject setWidth(int width)	this
setHSpace,	public XObject setHSpace(int hspace)	this
setVSpace	public XObject setVSpace(int vspace)	this
setName	public XObject setName(String name)	this
setShapes	public XObject setShapes(boolean shapes)	this
setStandby	public XObject setStandby(String standby)	this
setUseMap	public XObject setUseMap(String useMap)	this
toHTML	public String toHTML()	The content of this item as a HTML string.
toString	public String toString()	A string representation of this item.

HtmlException class

Name	Syntax	Description>Returns
HtmlException constructor	public HtmlException() public HtmlException(String s)	

HtmlRuntimeException class

Name	Syntax	Description>Returns
HtmlRuntimeException constructor	public HtmlRuntimeException() public HtmlRuntimeException(String s)	

HtmlInternalError class

Name	Syntax	Description>Returns
HtmlInternalError constructor	public HtmlInternalError() public HtmlInternalError(String s)	

oracle.OAS.servlet.http package

oracle.OAS.servlet.ServletRequest

Note: The getSession method is part of the oracle.OAS.servlet.ServletRequest package.

Name	Syntax	Description>Returns
getSession	<pre>public static Session getSession(boolean create) throws Exception</pre> <pre>public static Session getSession(boolean create, boolean distributed, boolean secure) throws Exception</pre>	The session associated with this request or null if create was false and no valid session is associated with this request.

HttpSession class

Name	Syntax	Description>Returns
getCreationTime	<pre>public long getCreationTime() throws Exception</pre>	The session creation time.
getId	<pre>public String getId()</pre>	The session identifier.
getLastAccessedTime	<pre>public long getLastAccessedTime() throws Exception</pre>	The last time the client accessed the session.
getMaxInactiveInterval	<pre>public int getMaxInactiveInterval() throws Exception</pre>	The maximum inactive interval for this session.

InactiveSessionException class

Name	Syntax	Description>Returns
getSession	<pre>public static Session getSession(boolean create) throws Exception</pre> <pre>public static Session getSession(boolean create, boolean local, boolean secure) throws Exception</pre>	The session associated with this request or null if create was false and no valid session is associated with this request.
getValue	<pre>public Object getValue(String name) throws Exception</pre>	The state object.
getValueNames	<pre>public String[] getValueNames() throws Exception</pre>	An array of the names of all the values bound into this session.
invalidate	<pre>public void invalidate() throws Exception</pre>	
isNew	<pre>public boolean isNew() throws Exception</pre>	true if this session is new, false otherwise.
putValue	<pre>public void putValue(String name, Object obj) throws Exception</pre>	
removeValue	<pre>public void removeValue(String name) throws Exception</pre>	
setMaxInactiveInterval	<pre>public int setMaxInactiveInterval(int interval) throws Exception</pre>	The inactive interval in seconds.

Note: The following exception classes are part of the oracle.oas.session package.

InactiveSessionException class

Name	Syntax	Description>Returns
InactiveSessionException constructor	<pre>public InactiveSessionException() public InactiveSessionException(String s)</pre>	

InvalidNameException class

Name	Syntax	Description>Returns
base	public Exception base	
InvalidNameException constructor	public InvalidNameException() public InvalidNameException(String s)	

NullSessionStateException class

Name	Syntax	Description>Returns
NullSessionStateException constructor	public NullSessionStateException() public NullSessionStateException(String s)	

ObjectLookupFailureException class

Name	Syntax	Description>Returns
base	public Exception base	
ObjectLookupFailureException constructor	public ObjectLookupFailureException() public ObjectLookupFailureException(String s)	

ObjectNotFoundException class

Name	Syntax	Description>Returns
base	public Exception base	
ObjectNotFoundException constructor	public ObjectNotFoundException() public ObjectNotFoundException(String s)	

ObjectUpdateFailureException class

Name	Syntax	Description>Returns
base	public Exception base	
ObjectUpdateFailureException constructor	public ObjectUpdateFailureException() public ObjectUpdateFailureException(String s)	

SessionDestroyFailureException class

Name	Syntax	Description>Returns
base	public Exception base	
SessionDestroyFailureException constructor	public SessionDestroyFailureException() public SessionDestroyFailureException(String s)	

SessionException class

Name	Syntax	Description>Returns
base	public Exception base	
SessionException constructor	public SessionException() public SessionException(String s) public SessionException(String s, Exception ex)	

SessionLockedException class

Name	Syntax	Description>Returns
base	public Exception base	
SessionLockedException constructor	public SessionLockedException() public SessionLockedException(String s)	

SessionLookupFailureException class

Name	Syntax	Description>Returns
base	public Exception base	
SessionLookupFailureException constructor	public SessionLookupFailureException() public SessionLookupFailureException(String s)	

SessionNotFoundException class

Name	Syntax	Description>Returns
base	public Exception base	
SessionNotFoundException constructor	public SessionNotFoundException() public SessionNotFoundException(String s)	

oracle.owas.wrb.WRB package

WRBRunnable class

Name	Syntax	Description>Returns
WRBRunnable constructor	public WRBRunnable(Runnable userRunnable) throws WRBNotRunningException	
getWRBContext	public synchronized long getWRBContext()	The WRB context.
run	public void run()	
setWRBContext	public synchronized void setWRBContext(long wrbContext) throws WRBNotRunningException	

WRBNotRunningException class

Name	Syntax	Description>Returns
WRBNotRunningException constructor	public WRBNotRunningException(String s)	

WRBRuntimeException class

Name	Syntax	Description>Returns
WRBRuntimeException constructor	public WRBRuntimeException(String s)	

oracle.OAS.Services.ICX package

ICXRequest class

Name	Syntax	Description>Returns
ICXRequest constructor	<pre>public ICXRequest(String url) throws MalformedURLException, ICXInitFailedException</pre> <pre>public ICXRequest(URL url) throws MalformedURLException, ICXInitFailedException</pre>	
connect	<pre>public ICXResponse connect()</pre>	An ICXResponse object.
disableTransaction	<pre>public void disableTransaction()</pre>	
enableTransaction	<pre>public void enableTransaction()</pre>	
setAuthInfo	<pre>public void setAuthInfo(String name, String password)</pre>	
setContent	<pre>public void setContent(String name, String value)</pre>	
setContents	<pre>public void setContents(Hashtable contents) throws IllegalArgumentException</pre>	
setHeader	<pre>public void setHeader(String name, String value)</pre>	

ICXResponse class

Name	Syntax	Description>Returns
setHeaders	public void setHeaders(Hashtable headers) throws IllegalArgumentException	
setMethod	public void setMethod(String method) throws ProtocolException	
setWalletInfo	public void setWalletInfo(String walletloc, String password) throws IncompatibleWithProtocolException	

ICXResponse class

Name	Syntax	Description>Returns
ICXResponse constructor	public ICXResponse()	
getContent	public InputStream getContent()	An InputStream of content.
getHeader	public Object getHeader(String name) throws NoSuchElementException	The header value associated with the name.
getHeaders	public Hashtable getHeaders()	A hashtable representing all the headers.
getHTTPVersion	public String getHTTPVersion()	The HTTP version.
getRealm	public String getRealm()	The realm.
getReasonPhrase	public String getReasonPhrase()	The reason phrase.
getStatusCode	public int getStatusCode()	The status code
usingProxy	public boolean usingProxy()	true if proxy is used for the request. false otherwise.

ICXInitFailedException class

Name	Syntax	Description>Returns
ICXInitFailedException constructor	public ICXInitFailedException()	

IncompatibleWithProtocolException class

Name	Syntax	Description/ Returns
IncompatibleWithProtocolException	public IncompatibleWithProtocolException() constructor	

oracle.lang package

NLS class

Name	Syntax	Description>Returns
ASCII	public static final int ASCII	Constant represents 7-bit ASCII character set.
setCurrentCharSet	public static synchronized void setCurrentCharSet(int charSet)	
currentCharSet	public static int currentCharSet()	
length	public static native int length(byte str[], int length, int charSet)	The length of the NLS string.
NLS2Unicode	public static native int NLS2Unicode(byte src[], char dst[], int srcBegin, int srcEnd, int dstBegin, int charSet)	The length of NLS string (number of bytes).

NLSRuntimeException class

Name	Syntax	Description>Returns
Unicode2NLS	public static native int Unicode2NLS(char src[], byte dst[], int srcBegin, int srcEnd, int dstBegin, int charSet)	The length of NLS string (number of bytes).
NLSBufferSize	public static native int NLSBufferSize(char str[], int charSet)	The number of bytes needed.

NLSRuntimeException class

Name	Syntax	Description>Returns
NLSRuntimeException constructor	public NLSRuntimeException(String s)	

CharacterSetException class

Name	Syntax	Description>Returns
CharacterSetException constructor	public CharacterSetException(String s)	

oracle.owas.nls package

CharacterSet class

Name	Syntax	Description>Returns
CharacterSet constructor	public CharacterSet()	
bytesToBytes	public int bytesToBytes(byte src[], byte dst[], int srcBegin, int length, CharacterSet srcCharSet, int dstBegin)	Length of target NLS string (number of bytes).
bytesToChars	public abstract int bytesToChars(byte src[], char dst[], int srcBegin, int length, int dstBegin)	The number of chars written to dst.
bytesToString	public String bytesToString(byte bytes[]) public String bytesToString(byte bytes[], int begin, int length)	The target Java string.

Name	Syntax	Description>Returns
charsToBytes	public abstract int charsToBytes(char src[], byte dst[], int srcBegin, int length, int dstBegin)	The number of bytes written to dst.
equals	public boolean equals(CharacterSet charSet)	true if this character set is equivalent to another CharacterSet, false otherwise.
getMaxBytesPerChar	public abstract int getMaxBytesPerChar()	The maximum number of bytes a character takes in this CharacterSet.
getName	public abstract String getName()	The Internet Assigned Numbers Authority (IANA) name of this CharacterSet.
minByteSize (Java character strings)	public int minByteSize(int charCount) public int minByteSize(char chars[]) public int minByteSize(char chars[], int begin, int length)	{ charcount length() } * getMaxBytesPerChar()
minByteSize (other character sets)	public int minByteSize(int byteCount, CharacterSet src CharSet) public int minByteSize(byte bytes[], CharacterSet src CharSet) public int minByteSize(byte bytes[], int begin, int length, CharacterSet src CharSet)	The minimum number of bytes required to store a string in this character set.

Name	Syntax	Description>Returns
minCharSize	<pre>public abstract int minCharSize(int byteCount)</pre> <pre>public int minCharSize(byte bytes[], int begin, int length)</pre>	The number of characters needed.
stringToBytes	<pre>public byte[] stringToBytes(String string)</pre>	The target NLS string. The string (in byte[]) is NULL-terminated.

CharacterSetManager class

Name	Syntax	Description>Returns
IANA_CHARSET	<pre>public static final int IANA_CHARSET</pre>	Internet Assigned Number Authority (IANA) character set.
ORACLE_CHARSET	<pre>public static final int ORACLE_CHARSET</pre>	Oracle character set
getCharacterSet	<pre>public static CharacterSet getCharacterSet()</pre> <pre>public static CharacterSet getCharacterSet(String name)</pre> <pre>public static CharacterSet getCharacterSet(int type, String name)</pre>	An Oracle character set used in the current NLS_LANG environment.

NLS_LANG class

Name	Syntax	Description>Returns
DEFAULT_NLS_LANG	public static final String DEFAULT_NLS_LANG	Default NLS_LANG, which is AMERICAN_AMERICA.US7ASCII.
NLS_LANG constructor	<pre>public NLS_LANG() public NLS_LANG(String NLS_LANG) public NLS_LANG(String acceptLanguage, String NLS_LANG)</pre>	
getCharacterSet	public String getCharacterSet()	The NLS_LANG character set.
getContentLanguage	public String getContentLanguage()	The best-matched HTTP Content-Language of this NLS_LANG.
getCurrent	public static NLS_LANG getCurrent()	A NLS_LANG corresponding to the current NLS_LANG setting in the environment.
getIANACharacterSet	<pre>public String getIANACharacterSet() public static native String getIANACharacterSet(String charSet)</pre>	The IANA name of the character set.
getISOLanguage	<pre>public String getISOLanguage() public static native String getISOLanguage(String language)</pre>	The ISO-3166 name of the language.
getISOTerritory	<pre>public String getISOTerritory() public static native String getISOTerritory(String territory)</pre>	The ISO-639 name of an Oracle territory.
getLanguage	public String getLanguage()	A NLS_LANG language.
getOracleCharacterSet	public static native String getOracleCharacterSet(String name)	The Oracle name of an IANA character set.
getOracleLanguage	public static native String getOracleLanguage(String language)	The Oracle name of an ISO-3166 national language.
getOracleTerritory	public static native String getOracleTerritory(String territory)	The Oracle name of an ISO-639 territory.
getTerritory	public String getTerritory()	A NLS_LANG territory.

Name	Syntax	Description>Returns
getValue	public String getValue()	NLS_LANG.
setAcceptLanguage	public void setAcceptLanguage(String acceptLanguage, String NLS_LANG)	
setCharacterSet	public void setCharacterSet(String characterSet)	
setLanguage	public void setLanguage(String language)	
setTerritory	public void setTerritory(String territory)	
setValue	public synchronized void setValue(String NLS_LANG)	
toString	public String toString()	The NLS_LANG as a string in Oracle NLS_LANG's format.

CharacterSetException class

Name	Syntax	Description>Returns
CharacterSetException	public CharacterSetException(String s) constructor	

NLSRuntimeException class

Name	Syntax	Description>Returns
NLSRuntimeException	public NLSRuntimeException(String s) constructor	

oracle.plsql package

PBoolean class

Name	Syntax	Description>Returns
PBoolean constructor	public PBoolean() public PBoolean(boolean value)	
booleanValue	public boolean booleanValue()	The value of this PBoolean as a boolean.
copy	public void copy(PBoolean value)	
setValue	public void setValue(boolean value)	
toString	public String toString()	The string representation of this PBoolean.

PByteArray class

Name	Syntax	Description>Returns
PByteArray constructor	public PByteArray(int length) public PByteArray(byte value[]) public PByteArray(int length, byte value[])	
byteArrayValue	public byte[] byteArrayValue()	A copy of the byte array is returned.
clone	public Object clone()	
copy	public void copy(PByteArray value)	

PDate class

Name	Syntax	Description>Returns
getByteArray	public void getByteArray(byte buffer[])	
length	public int length()	The length of this PByteArray.
setValue	public void setValue(byte value[])	
toString	public String toString()	The string representation of this PByteArray.
useBuffer	public void useBuffer(boolean use)	

PDate class

Name	Syntax	Description>Returns
PDate constructor	public PDate() public PDate(Date value)	
clone	public Object clone()	
copy	public void copy(PDate value)	
dateValue	public Date dateValue()	The value of this PDate as a Date.
getDate	public void getDate(Date date)	
setValue	public void setValue(Date date)	
toString	public String toString()	The string representation of this PDate.

PDouble class

Name	Syntax	Description>Returns
PDouble constructor	public PDouble() public PDouble(double value) public PDouble(int value)	
copy	public void copy(PDouble value)	
doubleValue	public double doubleValue()	The value of this PDouble as a double.
intValue	public int intValue()	The value of this PDouble as an integer.

Name	Syntax	Description>Returns
setValue	public void setValue(double value) public void setValue(int value)	
toString	public String toString()	The string representation of this PDouble.

PInteger class

Name	Syntax	Description>Returns
PInteger constructor	public PInteger() public PInteger(int value)	
copy	public void copy(PInteger value)	
intValue	public int intValue()	The value of this PInteger as an integer.
setValue	public void setValue(int value)	
toString	public String toString()	The string representation of this PInteger.

PStringBuffer class

Name	Syntax	Description>Returns
PStringBuffer constructor	<pre>public PStringBuffer(int capacity) public PStringBuffer(String str) public PStringBuffer(byte str[]) public PStringBuffer(int capacity, String str) public PStringBuffer(int capacity, byte str[]) public PStringBuffer(int length, StringBuffer str)</pre>	
byteArrayValue	public byte[] byteArrayValue()	The value of this PStringBuffer as a byte array.
capacity	public int capacity()	The capacity of this PStringBuffer (in terms of bytes).
charArrayValue	public char[] charArrayValue()	The string in char array.
clone	public Object clone()	
copy	public void copy(PStringBuffer value)	
getByteArray	public byte[] getByteArray()	The byte array buffer of this PStringBuffer.
getStringBuffer	public void getStringBuffer(StringBuffer str)	
getValue	public int getValue(byte dst[], int dstBegin)	The number of bytes copied.
length	public int length()	The length of this PStringBuffer.

Name	Syntax	Description>Returns
setValue	<pre>public void setValue(StringBuffer value) public void setValue(String value) public void setValue(byte src[]) public void setValue(byte src[], int srcBegin, int srcLength)</pre>	
stringBufferValue	public StringBuffer stringBufferValue()	The value of this PStringBuffer as a StringBuffer.
stringValue	public String stringValue()	The value of this PStringBuffer as a String.
toCharArray	public char[] toCharArray()	The string in char array.
toString	public String toString()	The String representation of this PStringBuffer.
useBuffer	public void useBuffer(boolean use)	

PValue class

Name	Syntax	Description>Returns
clone	public Object clone()	A clone of this PValue.
copy	public void copy(PValue value)	
isNull	public boolean isNull()	A boolean indicating if this value is NULL.
setNull	public void setNull()	
toString	public String toString()	A String representation of this value.

NonUniformSizeException class

Name	Syntax	Description>Returns
NonUniformSizeException	public NonUniformSizeException(String s) constructor	

NullValueException class

Name	Syntax	Description>Returns
NullValueException constructor	public NullValueException(String s)	

PLSQLRuntimeException class

Name	Syntax	Description>Returns
PLSQLRuntimeException constructor	public PLSQLRuntimeException(String s)	

oracle.rdbms package

Session class

Name	Syntax	Description>Returns
globalAccess	public static final String globalAccess	Session's global synchronization object. This is intended for internal use only
Session constructor (does not log in)	public Session() public Session(Properties props)	
Session constructor (logs in)	public Session(String usernamePassword) throws ServerException public Session(String usernamePassword, Properties props) throws ServerException public Session(String username, String password, String connectStr) throws ServerException public Session(String username, String password, String connectStr, Properties props) throws ServerException	

Name	Syntax	Description>Returns
autoCommit	public void autoCommit(boolean autoCommit) throws ServerException	
charToByteSize	public int charToByteSize(int charCount)	The size (in bytes) of a buffer needed to hold a given number of characters in the character set chosen in the current NLS_LANG.
commit	public void commit() throws ServerException	
getMaxChars	public int getMaxChars() throws ServerException	The maximum number of characters a PStringBuffer may store.
	public int getMaxChars(int maxChars) throws ServerException	
getMaxCharsInArray	public int getMaxCharsInArray(int rowCount) throws ServerException	The maximum number of characters each PStringBuffer of a PStringBuffer array may store.
	public int getMaxCharsInArray(int rowCount, int maxChars) throws ServerException	
getMaxRows	public int getMaxRows(int rowSize) throws ServerException	The maximum number of rows of PStringBuffer a PStringBuffer array may have.
	public int getMaxRows(int rowSize, int maxRows) throws ServerException	
getProperty	public static String getProperty(String name)	Oracle's global environment. For example, ORACLE_HOME.
getSessionInfo	public String getSessionInfo()	The session information about the logon.
getSessionProperty	public String getSessionProperty(String name) throws ServerException	The NLS property, or null if the property is not defined.
isConnected	public boolean isConnected() throws ServerException	true if this session is still connected, false otherwise.

Name	Syntax	Description>Returns
logon	<pre>public void logon(String usernamePassword) throws ServerException</pre> <pre>public void logon(String username, String password, String connectStr) throws ServerException</pre>	
logoff	<pre>public void logoff() throws ServerException</pre>	
rollback	<pre>public void rollback() throws ServerException</pre>	
setLogStream	<pre>public void setLogStream(OutputLogStream logStream)</pre>	
setProperties	<pre>public void setProperties(boolean check)</pre>	
setProperty	<pre>public static void setProperty(String name, String value)</pre>	
setSessionProperty	<pre>public void setSessionProperty(String name, String value) throws ServerException</pre>	

ServerException class

Name	Syntax	Description>Returns
ServerException constructor	<pre>public ServerException(int sqlcode, String sqlerrm)</pre>	
getSqlcode	<pre>public int getSqlcode()</pre>	The SQL error code.
getSqlerrm	<pre>public String getSqlerrm()</pre>	The SQL error message.

Class Hierarchy

The following figures illustrate the class hierarchy for the JWeb Toolkit.

- [Figure 1, oracle.html package](#)
- [Figure 2, oracle.html.Item class](#)
- [Figure 3, Some oracle.html subclasses](#)
- [Figure 4, oracle.OAS.servlet.http package](#)
- [Figure 5, oracle.owas.wrb package](#)
- [Figure 6, oracle.OAS.Services.ICX package](#)
- [Figure 7, oracle.lang package](#)
- [Figure 8, oracle.owas.nls package](#)
- [Figure 9, oracle.plsql package](#)
- [Figure 10, oracle.rdbms package](#)

Figure 1 oracle.html package

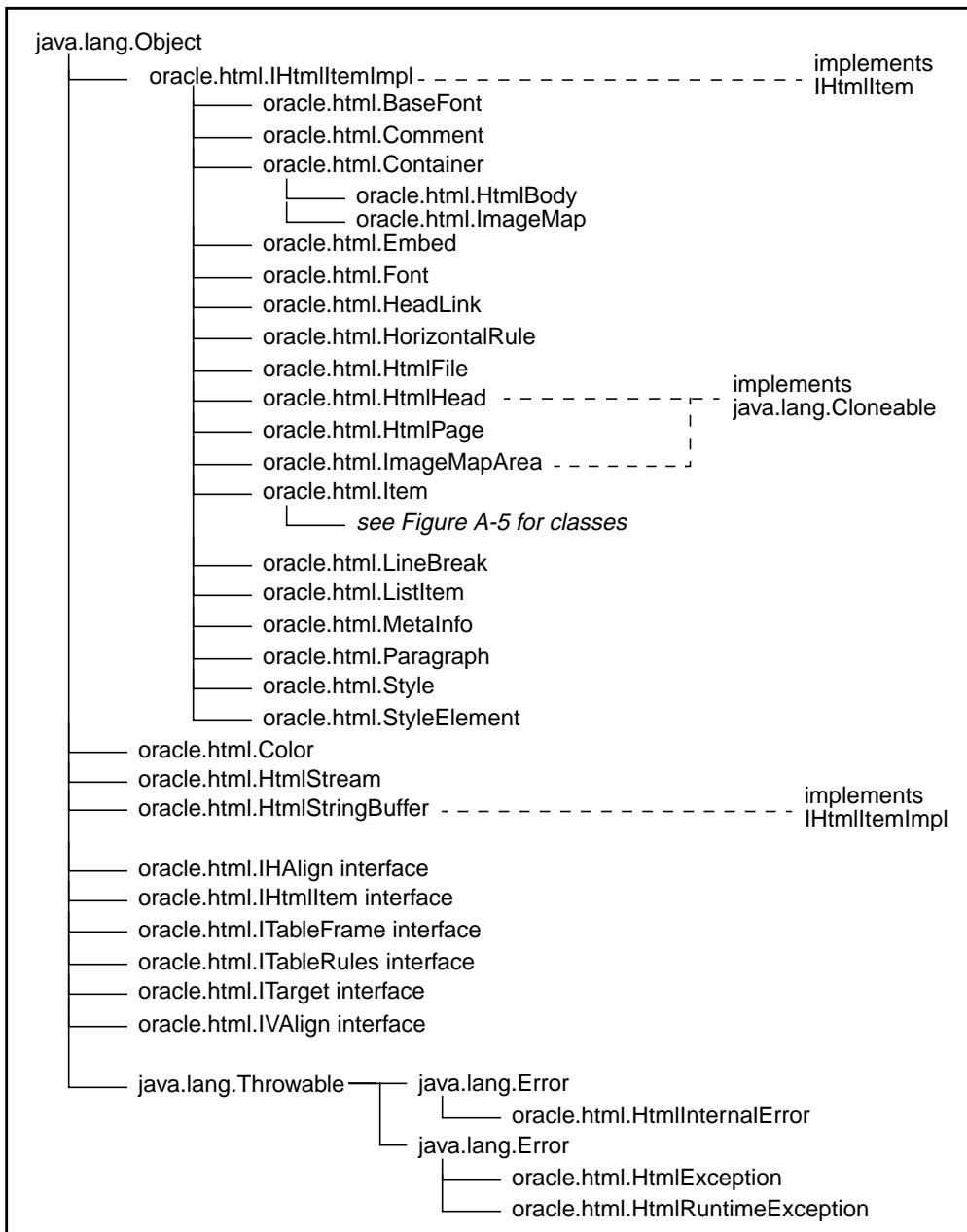


Figure 2 oracle.html.Item class

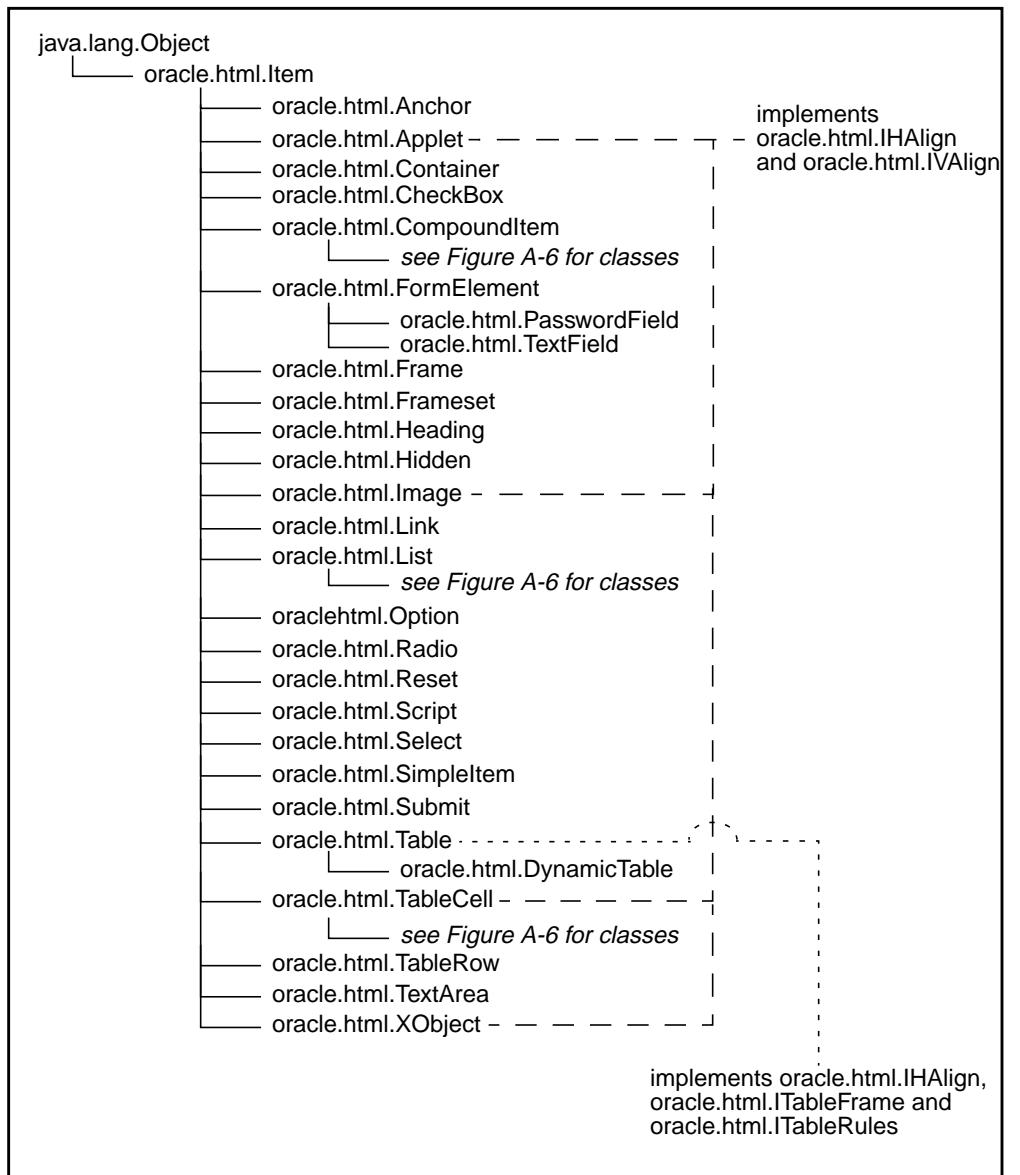


Figure 3 Some oracle.html subclasses

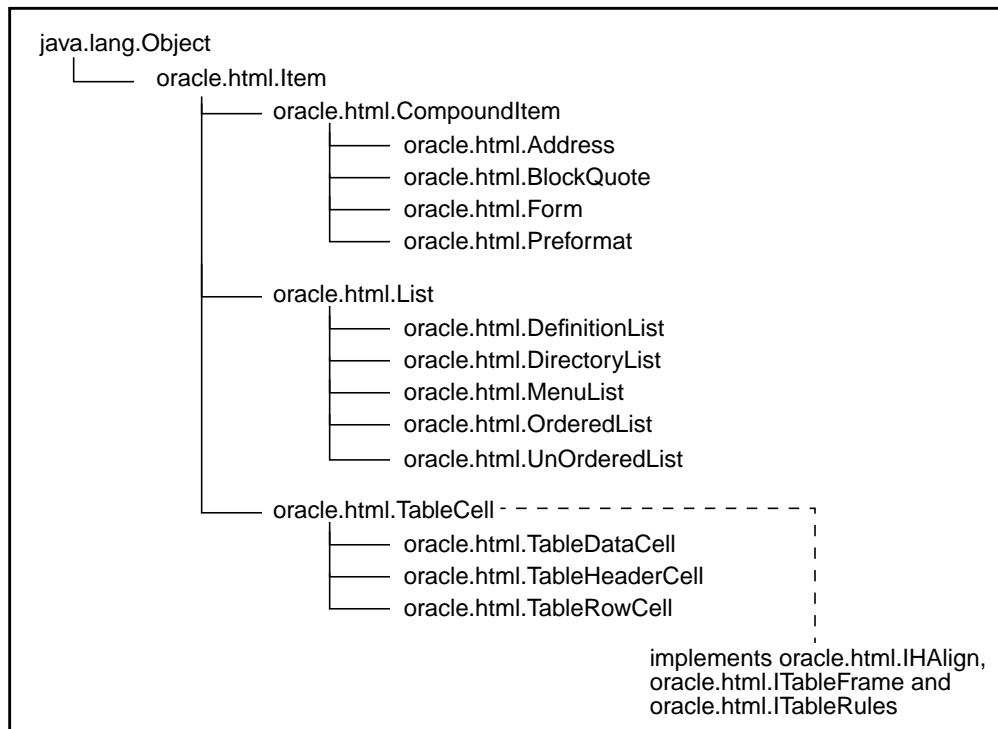


Figure 4 *oracle.OAS.servlet.http package*

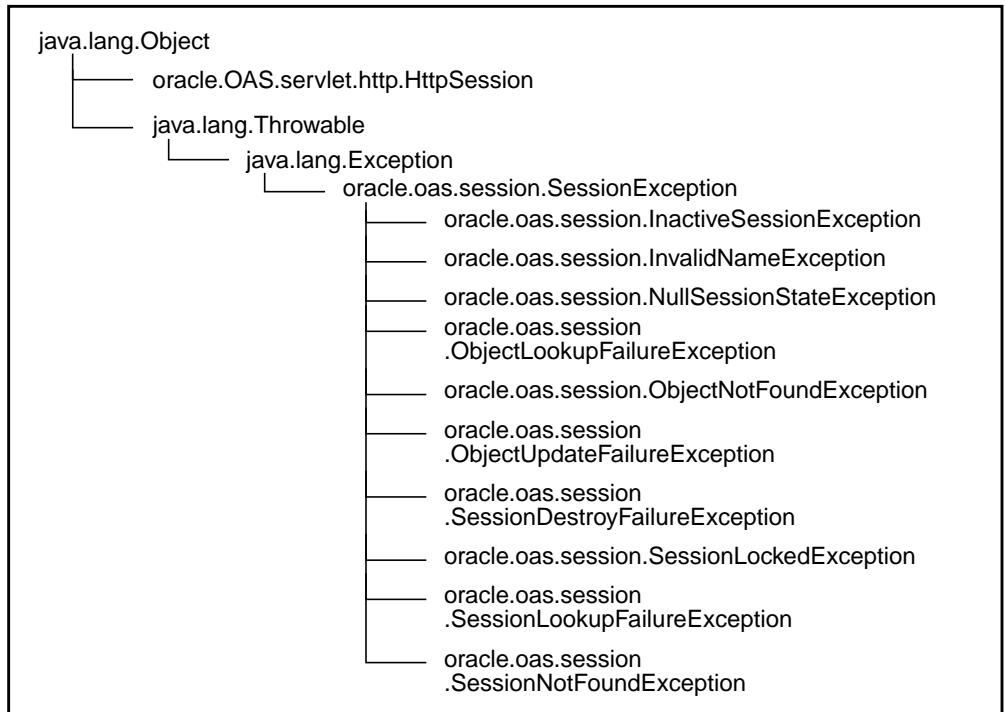


Figure 5 *oracle.owas.wrb package*

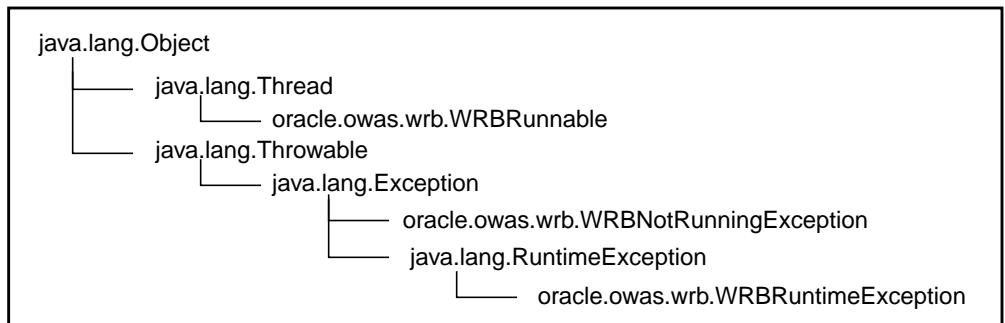


Figure 6 oracle.OAS.Services.ICX package

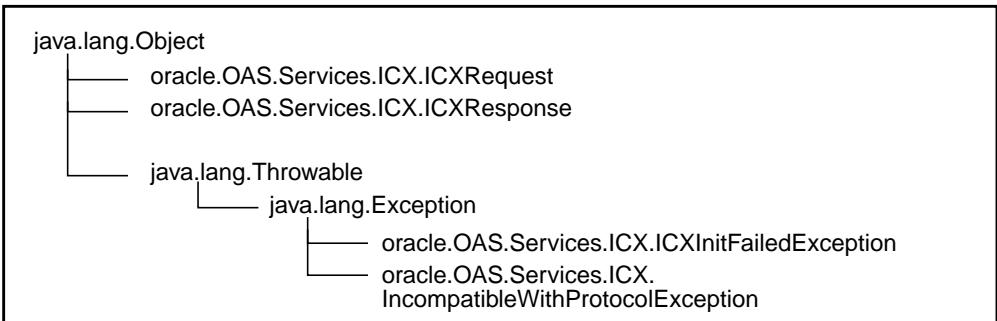


Figure 7 oracle.lang package

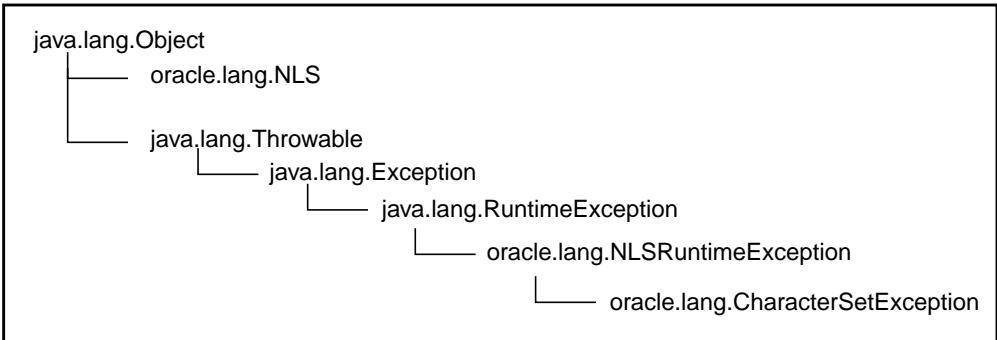


Figure 8 oracle.owas.nls package

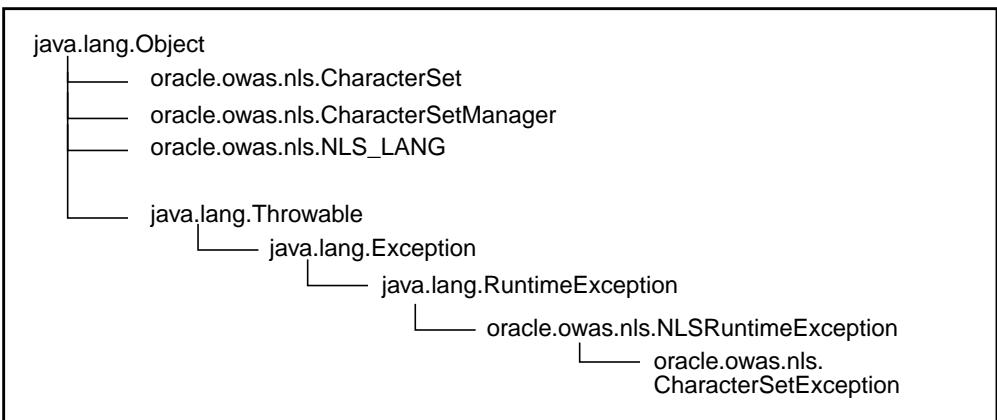


Figure 9 *oracle.plsql* package

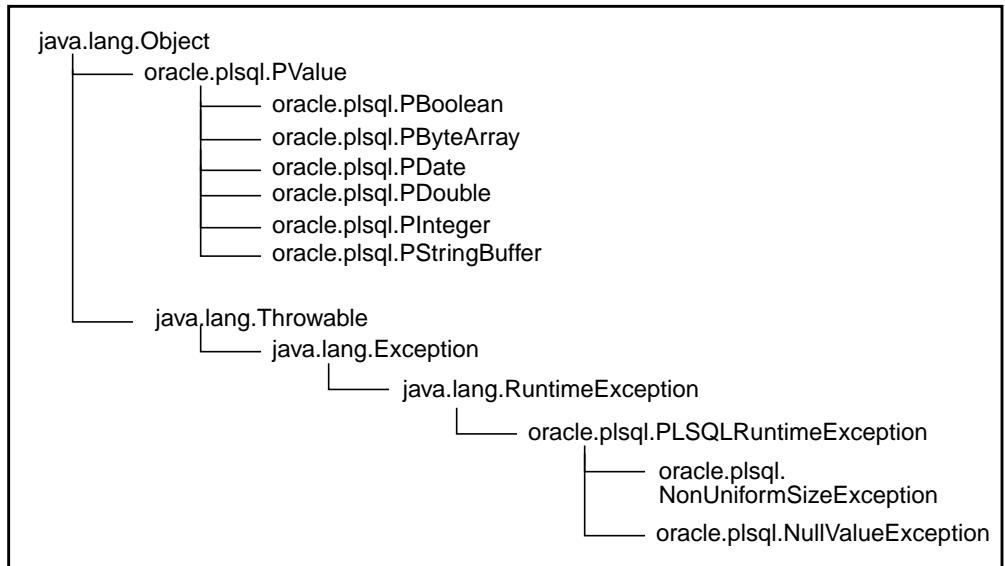


Figure 10 *oracle.rdbms* package

